Docket No.: 62310(71699) (PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Eshleman, James R, et al.

NUCLEIC ACID DIFFERENCES

Application No.: 10/590,541 Confirmation No.: 9774

Filed: August 25, 2006 Art Unit: 1634

For: METHODS FOR THE DETECTION OF Examiner: Kapushoc, Stephen

Thomas

## RESPONSE TO FINAL OFFICE ACTION

MS AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Non-Final Office Action mailed June 23, 2010, please consider the following remarks:

Listing of the Claims begins on page 2 of this paper.

Remarks/Arguments begin on page 8 of this paper.